ENVIRONMENT ANNUAL INDEX

■ VOLUME 32 ■

■ JANUARY-DECEMBER 1990 ■

Compiled by Sandra Grimm and Desiderio J. Rimon

■ SUBJECT INDEX ■

AGRICULTURE

Alternative Agriculture,† by the National Research Council; reviewed by Sandra S. Batie; April, p. 25

The Changing Face of Environmentalism in the Soviet Union, an interview with Igor Izodorovich Altshuler and Ruben Artyomovich Mnatsakanyan, by Barbara T. Richman; March, p. 4

Historical Perspectives on Sustainable Development, by Clive Ponting; November, p. 4

Law—Western Irrigation Contracts and NEPA, by Hamilton Candee and Martin D. Bern; July/August, p. 2

Salt of the Earth: Secondary Soil Salinization in the Australian Wheat Belt, by Arthur J. Conacher; July/August, p. 4

AIR POLLUTION

The Changing Face of Environmentalism in the Soviet Union, an interview with Igor Izodorovich Altshuler and Ruben Artyomovich Mnatsakanyan, by Barbara T. Richman; March, p. 4

Developing Clean Coal Technologies, by Ian M. Torrens; July/August, p. 10

The Evolution of Italian Environmental Policy, by Angela Liberatore and Rudolf Lewanski; June, p. 10

Global Metal Pollution: Poisoning the Biosphere? by Jerome O. Nriagu; September, p. 6

Hong Kong: Can the Dragon Clean Its Nest? by Peter Hills and William Barron; October, p. 16

Putting on the Brakes: Curbing Auto Emissions in Europe, by Sonja A. Boehmer-Christiansen; July/August, p. 16.

State of the Environment in the USSR, by Barbara T. Richman; March, p. 28

Two Reports on the Environment of the USSR†; reviewed by George J. Demko; December, p. 25

INDEX HEADINGS

Agriculture
Air Pollution
Antarctica
Atmospheric Chemistry (see also Air Pollution)
Australia
Automobiles
Biodiversity
Chernobyl (see also USSR)
Climate Change
Coastal Development
Coastal Resources Center
Debt-for-Nature Swaps
Earth Day 1990
Earth Transformed Program
Ecology
Energy
Environmental Impact Statements
Ethics
Europe
Fuel Efficiency
Future Scenarios
Gaia Hypothesis
Global Change (see also Climate Change)
Government Agencies
Greenhouse Effect
History
Hong Kong
Hydropower
Industry
Institutions
International Development Research Centre
Irrigation (see Agriculture, Water Management)
Italy
Journalism
Land Management
Latin America
Legislation—Domestic (except U.S.)
Legislation—Domestic (U.S.)
Legislation—International
Mediterranean Region
Metals
National Center for Atmospheric Research
National Environmental Policy Act (NEPA)
National Parks (see Parks and Preserves)
Natural Resources Defense Council
Nongovernmental Organizations (see also Institutions)
Parks and Preserves
Pesticides
Policy—Domestic (except U.S.)
Policy—Domestic (U.S.)
Policy—International
Politics—Domestic (except U.S.)
Politics—Domestic (U.S.)
Politics—International
Pollution (see also Air Pollution, Water Pollution)
Population
Radioactive Fallout
Recycling
Reports
Research Programs
Rhode Island
Risk
Social Science Research Council
Soil Salinization
Superfund (SARA)
Sustainable Development
Technology
Toxic Waste (see Waste Management)
Transportation
USSR
Waste Management and Reduction
Water Management
Water Pollution
Wildlife

Books of Note

ANTARCTICA

Antarctica: Ice Under Pressure, by Martin W. Holdgate; October, p. 4

Expanding Roles for the NGOs, by Gilbert F. White; October, editorial

ATMOSPHERIC CHEMISTRY (see also AIR POLLUTION)

Debating Gaia, by Stephen H. Schneider; May, p. 4

The Greenhouse Effect: Negotiating Targets,† by Michael Grubb; reviewed by James K. Sebenius; November, p. 25

Institutions—National Center for Atmospheric Research, by Robert J. Serafin; October, p. 2

AUSTRALIA

Salt of the Earth: Secondary Soil Salinization in the Australian Wheat Belt, by Arthur J. Conacher; July/August, p. 4

AUTOMOBILES

Fuel Efficiency,* by Alvin L. Spivak; January/February, p. 2

Putting on the Brakes: Curbing Auto Emissions in Europe, by Sonja A. Boehmer-Christiansen; July/August, p. 16

BIODIVERSITY

Ecological Concepts of Sustainability, by Gordon H. Orians; November, p. 10

Strategies for Conserving Biodiversity, by Jeffrey A. McNeely, Kenton R. Miller, Walter V. Reid, Russell A. Mittermeier, and Timothy B. Werner; April, p. 16

CHERNOBYL (see also USSR)

The Changing Face of Environmentalism in the Soviet Union, an interview with Igor Izodorovich Altshuler and Ruben Artyomovich Mnatsakanyan, by Barbara T. Richman; March, p. 4

International—Chernobyl: Four Years Later, the Repercussions Continue, by Ragnar E. Löfstedt and Allen L. White; April, p. 2

Two Reports on the Environment of the USSR†; reviewed by George J. Demko; December, p. 25

CLIMATE CHANGE

Climate—Practical Responses to Climate Change, by Jill Jäger; July/August, p. 44

Debating Gaia, by Stephen H. Schneider; May, p. 4

Defining Global Change,* by James J. McCarthy; January/February, p. 3

Defining Global Change,* by Martin F. Price; January/February, p. 42

The Greenhouse Effect: Negotiating Targets,† by Michael Grubb; reviewed by James K. Sebenius; November, p. 25

Institutions—National Center for Atmospheric Research, by Robert J. Serafin; October, p. 2

COASTAL DEVELOPMENT

The Evolution of Italian Environmental Policy, by Angela Liberatore and Rudolf Lewanski; June, p. 10

Institutions—Coastal Resources Center, by Stephen Olsen; January/February, p. 42

Probing the Future of the Mediterranean Basin, by Michel Batisse; June, p. 4

COASTAL RESOURCES CENTER

Institutions—Coastal Resources Center, by Stephen Olsen; January/February, p. 42

DEBT-FOR-NATURE SWAPS

Coming to Terms: Toward a North-South Compact for the Environment, by James Gustave Speth; June, p. 16

Debt-for-Nature Swaps and the Need for Alternatives, by Alan Patterson; December, p. 4

EARTH DAY 1990

Did Earth Day Change the World? by Robert Cahn and Patricia Cahn; September, p. 16

EARTH TRANSFORMED PROGRAM

Institutions—The Earth Transformed Program, by B. L. Turner II; June, p. 3

ECOLOGY

Ecological Concepts of Sustainability, by Gordon H. Orians; November, p. 10

Strategies for Conserving Biodiversity, by Jeffrey A. McNeely, Kenton R. Miller, Walter V. Reid, Russell A. Mittermeier, and Timothy B. Werner; April, p. 16

ENERGY

Demand-Side Management: An Underused Tool for Conserving Electricity, by Eric Hirst; January/February, p. 4

Developing Clean Coal Technologies, by Ian M. Torrens; July/August, p. 10

Energy for Our Globe's People, by William S. Lee; September, p. 12

Fuel Efficiency,* by Alvin L. Spivak; January/February, p. 2

Fueling Our Global Future, by Daniel A. Dreyfus and Anne B. Ashby; May, p. 16

Mass Burn,* by Harold M. Draper; March, p. 2

Mass Burn,* by Neil Seldman; March, p. 3

Salmon vs. Hydropower: Striking a Balance in the Pacific Northwest, by Keith W. Muckleston; January/February, p. 10

What Are the Choices? by Alan McGowan; January/February, editorial

Will Rhode Island Be the First Green State? by Harold R. Ward and Robert W. Kates; October, p. 10

ENVIRONMENTAL IMPACT STATEMENTS

The Changing Face of Environmentalism in the Soviet Union, an interview with Igor Izodorovich Altshuler and Ruben Artyomovich Mnatsakanyan, by Barbara T. Richman; March, p. 4

Hong Kong: Can the Dragon Clean Its Nest? by Peter Hills and William Barron; October, p. 16

Law—Western Irrigation Contracts and NEPA, by Hamilton Candee and Martin D. Bern; July/August, p. 2

Water Resources—Controversy over Two Forks Dam, by Daniel F. Luecke; May, p. 42

ETHICS

Ethos, Equity, and the Water Resource, The 1990 Abel Wolman Distinguished Lecture, by Luna B. Leopold; March, p. 16

In Fairness to Future Generations, by Edith Brown Weiss; April, p. 6

EUROPE

The Evolution of Italian Environmental Policy, by Angela Liberatore and Rudolf Lewanski; June, p. 10

Fudge and Nudge Politics, by Timothy O'Riordan; June, editorial

Future Environments for Europe: Some Implications of Alternative Development Paths,† edited by W. M. Stigliani, F. M. Brouwer, R. E. Munn, R. W. Shaw, and M. Antonovsky; reviewed by H. S. J. Cesar and J. D. E. Parker; October, p. 25

International—Chernobyl: Four Years Later, the Repercussions Continue, by Ragnar E. Löfstedt and Allen L. White; April, p. 2

International—EC Environmental Policy and the Mediterranean Region: An International Colloquium, by Angela Liberatore; January/February, p. 44

Probing the Future of the Mediterranean Basin, by Michel Batisse; June, p. 4

Putting on the Brakes: Curbing Auto Emissions in Europe, by Sonja A. Boehmer-Christiansen; July/August, p. 16

FUEL EFFICIENCY

Fuel Efficiency,* by Alvin L. Spivak; January/February, p. 2

Putting on the Brakes: Curbing Auto Emissions in Europe, by Sonja A. Boehmer-Christiansen; July/August, p. 16

FUTURE SCENARIOS

Energy for Our Globe's People, by William S. Lee; September, p. 12

Fueling Our Global Future, by Daniel A. Dreyfus and Anne B. Ashby; May, p. 16

* Commentary

† Report on Reports

Future Environments for Europe: Some Implications of Alternative Development Paths,† edited by W. M. Stigliani, F. M. Brouwer, R. E. Munn, R. W. Shaw, and M. Antonovsky; reviewed by H. S. J. Cesar and J. D. E. Parker; October, p. 25

In Fairness to Future Generations, by Edith Brown Weiss; April, p. 6

Probing the Future of the Mediterranean Basin, by Michel Batisse; June, p. 4

GAIA HYPOTHESIS

Debating Gaia, by Stephen H. Schneider; May, p. 4

GLOBAL CHANGE (see also CLIMATE CHANGE)

Climate—Practical Responses to Climate Change, by Jill Jäger; July/August, p. 44

Coming to Terms: Toward a North-South Compact for the Environment, by James Gustave Speth; June, p. 16

Debating Gaia, by Stephen H. Schneider; May, p. 4

Defining Global Change,* by James J. McCarthy; January/February, p. 3

Defining Global Change,* by Martin F. Price; January/February, p. 42

Future Environments for Europe: Some Implications of Alternative Development Paths,† edited by W. M. Stigliani, F. M. Brouwer, R. E. Munn, R. W. Shaw, and M. Antonovsky; reviewed by H. S. J. Cesar and J. D. E. Parker; October, p. 25

Institutions—The Earth Transformed Program, by B. L. Turner II; June, p. 3

Our Changing Planet: The FY 1990 Research Plan, the U.S. Global Change Research Program; and its update, Our Changing Planet: The FY 1991 U.S. Global Change Research Program,† by the Committee on Earth Sciences, Federal Coordinating Council for Science, Engineering, and Technology; reviewed by A. Barrie Pittock; May, p. 25

Planet Under Stress: The Challenge of Global Change,† edited by Constance Mungall and Digby J. McLaren; reviewed by Thomas F. Malone; September, p. 25

GOVERNMENT AGENCIES

Law—Soviet-U.S. Cooperation, by Dinah Bear and Jonathan Elkind; April, p. 5

Our Changing Planet: The FY 1990 Research Plan, the U.S. Global Change Research Program; and its update, Our Changing Planet: The FY 1991 U.S. Global Change Research Program,† by the Committee on Earth Sciences, Federal Coordinating Council for Science, Engineering, and Technology; reviewed by A. Barrie Pittock; May, p. 25

GREENHOUSE EFFECT

Debating Gaia, by Stephen H. Schneider; May, p. 4

The Greenhouse Effect: Negotiating Targets,† by Michael Grubb; reviewed by James K. Sebenius; November, p. 25

Institutions—National Center for Atmospheric Research, by Robert J. Serafin; October, p. 2

HISTORY

Antarctica: Ice Under Pressure, by Martin W. Holdgate; October, p. 4

Crossing the Next Meridian: Sustaining the Lands, Waters, and Human Spirit in the West, by Charles F. Wilkinson; December, p. 14

Global Metal Pollution: Poisoning the Biosphere? by Jerome O. Nriagu; September, p. 6

Historical Perspectives on Sustainable Development, by Clive Ponting; November, p. 4

HONG KONG

Hong Kong: Can the Dragon Clean Its Nest? by Peter Hills and William Barron; October, p. 16

HYDROPOWER

Crossing the Next Meridian: Sustaining the Lands, Waters, and Human Spirit in the West, by Charles F. Wilkinson; December, p. 14

Salmon vs. Hydropower: Striking a Balance in the Pacific Northwest, by Keith W. Muckleston; January/February, p. 10

INDUSTRY

Demand-Side Management: An Underused Tool for Conserving Electricity, by Eric Hirst; January/February, p. 4

W. NIGEL BONNER

Developing Clean Coal Technologies, by Ian M. Torrens; July/August, p. 10

Energy for Our Globe's People, by William S. Lee; September, p. 12

The Evolution of Italian Environmental Policy, by Angela Liberatore and Rudolf Lewanski; June, p. 10

Global Metal Pollution: Poisoning the Biosphere? by Jerome O. Nriagu; September, p. 6

Hong Kong: Can the Dragon Clean Its Nest? by Peter Hills and William Barron; October, p. 16

Putting on the Brakes: Curbing Auto Emissions in Europe, by Sonja A. Boehmer-Christiansen; July/August, p. 16

Salmon vs. Hydropower: Striking a Balance in the Pacific Northwest, by Keith W. Muckleston; January/February, p. 10

INSTITUTIONS

Innovations in International Environmental Governance, by Peter H. Sand; November, p. 16

Institutions—Coastal Resources Center, by Stephen Olsen; January/February, p. 42

Institutions—The Earth Transformed Program, by B. L. Turner II; June, p. 3

Institutions—International Development Research Centre, by John Ramlochand; April, p. 44

Institutions—National Center for Atmospheric Research, by Robert J. Serafin; October, p. 2

Institutions—Natural Resources Defense Council, by Paul J. Allen; December, p. 2

Institutions—Social Science Research Council, by Richard C. Rockwell; September, p. 2

A World in Evolution, by Alan McGowan; July/August, editorial

INTERNATIONAL DEVELOPMENT RESEARCH CENTRE

Institutions—International Development Research Centre, by John Ramlochand; April, p. 44

IRRIGATION (see AGRICULTURE, WATER MANAGEMENT)

ITALY

The Evolution of Italian Environmental Policy, by Angela Liberatore and Rudolf Lewanski; June, p. 10

JOURNALISM

The Changing Face of Environmentalism in the Soviet Union, an interview with Igor Izodorovich Altshuler and Ruben Artyomovich Mnatsakanyan, by Barbara T. Richman; March, p. 4

FAO—J. J. SWET

LAND MANAGEMENT

Antarctica: Ice Under Pressure, by Martin W. Holdgate; October, p. 4

Crossing the Next Meridian: Sustaining the Lands, Waters, and Human Spirit in the West, by Charles F. Wilkinson; December, p. 14

Ecological Concepts of Sustainability, by Gordon H. Orians; November, p. 10

The Evolution of Italian Environmental Policy, by Angela Liberatore and Rudolf Lewanski; June, p. 10

The Future of National Parks, by Jeffrey A. McNeely; January/February, p. 16

Hong Kong: Can the Dragon Clean Its Nest? by Peter Hills and William Barron; October, p. 16

National Parks,* by Graeme Kelleher; June, p. 2

Probing the Future of the Mediterranean Basin, by Michel Batisse; June, p. 4

Protecting U.S. National Parks: Innovative Measures for Challenging Times, by Randolph Harrison; January/February, p. 18

Salt of the Earth: Secondary Soil Salinization in the Australian Wheat Belt, by Arthur J. Conacher; July/August, p. 4

Will Rhode Island Be the First Green State? by Harold R. Ward and Robert W. Kates; October, p. 10

LATIN AMERICA

Debt-for-Nature Swaps and the Need for Alternatives, by Alan Patterson; December, p. 4

Historical Perspectives on Sustainable Development, by Clive Ponting; November, p. 4

LEGISLATION—DOMESTIC (except U.S.)

The Evolution of Italian Environmental Policy, by Angela Liberatore and Rudolf Lewanski; June, p. 10

LEGISLATION—DOMESTIC (U.S.)

Institutions—Natural Resources Defense Council, by Paul J. Allen; December, p. 2

Law—Controlling Poison Run-off, by Diane M. Cameron; March, p. 43

Law—Western Irrigation Contracts and NEPA, by Hamilton Candee and Martin D. Bern; July/August, p. 2

Legislation—Citizens Initiate Ballot Measures, by John Mark Johnson; September, p. 4

Reducing Waste,* by Marie Steinwachs; June, p. 2

Wasting Away: Policies to Reduce Trash Toxicity and Quantity, by Howard Levenson; March, p. 10

LEGISLATION—INTERNATIONAL

Antarctica: Ice Under Pressure, by Martin W. Holdgate; October, p. 4

The Greenhouse Effect: Negotiating Targets,† by Michael Grubb; reviewed by James K. Sebenius; November, p. 25

In Fairness to Future Generations, by Edith Brown Weiss; April, p. 6

Innovations in International Environmental Governance, by Peter H. Sand; November, p. 16

Law—Pesticide Regulation and International Trade, by Eric Christensen; November, p. 2

Law—Soviet-U.S. Cooperation, by Dinah Bear and Jonathan Elkind; April, p. 5

MEDITERRANEAN REGION

The Evolution of Italian Environmental Policy, by Angela Liberatore and Rudolf Lewanski; June, p. 10

Historical Perspectives on Sustainable Development, by Clive Ponting; November, p. 4

International—EC Environmental Policy and the Mediterranean Region: An International Colloquium, by Angela Liberatore; January/February, p. 44

Probing the Future of the Mediterranean Basin, by Michel Batisse; June, p. 4

METALS

Global Metal Pollution: Poisoning the Biosphere? by Jerome O. Nriagu; September, p. 6

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH

Institutions—National Center for Atmospheric Research, by Robert J. Serafin; October, p. 2

NATIONAL ENVIRONMENTAL POLICY ACT (NEPA)

Law—Western Irrigation Contracts and NEPA, by Hamilton Candee and Martin D. Bern; July/August, p. 2

NATIONAL PARKS (see PARKS AND PRESERVES)

NATURAL RESOURCES DEFENSE COUNCIL

Institutions—Natural Resources Defense Council, by Paul J. Allen; December, p. 2

NONGOVERNMENTAL ORGANIZATIONS (see also INSTITUTIONS)

The Changing Face of Environmentalism in the Soviet Union, an interview with Igor Izodorovich Altshuler and Ruben Artyomovich Mnatsakanyan, by Barbara T. Richman; March, p. 4

Debt-for-Nature Swaps and the Need for Alternatives, by Alan Patterson; December, p. 4

Did Earth Day Change the World? by Robert Cahn and Patricia Cahn; September, p. 16

The Evolution of Italian Environmental Policy, by Angela Liberatore and Rudolf Lewanski; June, p. 10

Expanding Roles for the NGOs, by Gilbert F. White; October, editorial

Institutions—Coastal Resources Center, by Stephen Olsen; January/February, p. 42

Institutions—Natural Resources Defense Council, by Paul J. Allen; December, p. 2

Institutions—Social Science Research Council, by Richard C. Rockwell; September, p. 2

Protecting U.S. National Parks: Innovative Measures for Challenging Times, by Randolph Harrison; January/February, p. 18

Salt of the Earth: Secondary Soil Salinization in the Australian Wheat Belt, by Arthur J. Conacher; July/August, p. 4

PARKS AND PRESERVES

The Future of National Parks, by Jeffrey A. McNeely; January/February, p. 16

National Parks,* by Graeme Kelleher; June, p. 2

* Commentary

† Report on Reports

Protecting U.S. National Parks: Innovative Measures for Challenging Times, by Randolph Harrison; January/February, p. 18

Will Rhode Island Be the First Green State? by Harold R. Ward and Robert W. Kates; October, p. 10

PESTICIDES

Law—Pesticide Regulation and International Trade, by Eric Christensen; November, p. 2

POLICY—DOMESTIC (except U.S.)

The Changing Face of Environmentalism in the Soviet Union, an interview with Igor Izodorovich Altshuler and Ruben Artyomovich Mnatsakanyan, by Barbara T. Richman; March, p. 4

Debt-for-Nature Swaps and the Need for Alternatives, by Alan Patterson; December, p. 4

Did Earth Day Change the World? by Robert Cahn and Patricia Cahn; September, p. 16

The Evolution of Italian Environmental Policy, by Angela Liberatore and Rudolf Lewanski; June, p. 10

A Fascinating Contrast, by Timothy O'Riordan; April, editorial

Fudge and Nudge Politics, by Timothy O'Riordan; June, editorial

The Future of National Parks, by Jeffrey A. McNeely; January/February, p. 16

Hong Kong: Can the Dragon Clean Its Nest? by Peter Hills and William Barron; October, p. 16

International—Chernobyl: Four Years Later, the Repercussions Continue, by Ragnar E. Löfstedt and Allen L. White; April, p. 2

National Parks,* by Graeme Kelleher; June, p. 2

On Gorbachev and Bush,* by William A. Nitze; May, p. 2

On Gorbachev and Bush,* by William R. Moomaw; May, p. 3

Putting on the Brakes: Curbing Auto Emissions in Europe, by Sonja A. Boehmer-Christiansen; July/August, p. 16

Salt of the Earth: Secondary Soil Salinization in the Australian Wheat Belt, by Arthur J. Conacher; July/August, p. 4

Two World Leaders on Global Environmental Policy, Remarks by George Bush and Mikhail S. Gorbachev; April, p. 12

POLICY—DOMESTIC (U.S.)

Alternative Agriculture,† by the National Research Council; reviewed by Sandra S. Batie; April, p. 25

Crisis and Common Sense, by Gilbert F. White; May, editorial

Crossing the Next Meridian: Sustaining the Lands, Waters, and Human Spirit in the West, by Charles F. Wilkinson; December, p. 14

Developing Clean Coal Technologies, by Ian M. Torrens; July/August, p. 10

Did Earth Day Change the World? by Robert Cahn and Patricia Cahn; September, p. 16

Energy for Our Globe's People, by William S. Lee; September, p. 12

Ethos, Equity, and the Water Resource, The 1990 Abel Wolman Distinguished Lecture, by Luna B. Leopold; March, p. 16

A Framework for Reshaping Water Management, by Warren Viessman, Jr.; May, p. 10

Fueling Our Global Future, by Daniel A. Dreyfus and Anne B. Ashby; May, p. 16

Law—Controlling Poison Run-off, by Diane M. Cameron; March, p. 43

Law—Pesticide Regulation and International Trade, by Eric Christensen; November, p. 2

Law—Western Irrigation Contracts and NEPA, by Hamilton Candee and Martin D. Bern; July/August, p. 2

On Gorbachev and Bush,* by William A. Nitze; May, p. 2

On Gorbachev and Bush,* by William R. Moomaw; May, p. 3

Our Changing Planet: The FY 1990 Research Plan, The U.S. Global Change Research Program; and its update, Our Changing Planet: The FY 1991 U.S. Global Change Research Program,† by the Committee on Earth Sciences, Federal Coordinating Council for Science, Engineering, and Technology; reviewed by A. Barrie Pittock; May, p. 25

Protecting U.S. National Parks: Innovative Measures for Challenging Times, by Randolph Harrison; January/February, p. 18

Reducing Waste,* by Marie Steinwachs; June, p. 2

Two World Leaders on Global Environmental Policy, Remarks by George Bush and Mikhail S. Gorbachev; April, p. 12

Waste Management—A Cooperative Cleanup for Superfund Sites, by Robert G. Wright; June, p. 44

Wasting Away: Policies to Reduce Trash Toxicity and Quantity, by Howard Levenson; March, p. 10

Water Resources—Controversy over Two Forks Dam, by Daniel F. Luecke; May, p. 42

When Will Western Resource Use Be Sustainable? by Gilbert F. White; December, editorial

Will Rhode Island Be the First Green State? by Harold R. Ward and Robert W. Kates; October, p. 10

POLICY—INTERNATIONAL

Antarctica: Ice Under Pressure, by Martin W. Holdgate; October, p. 4

Blueprint for a Green Economy,† by David W. Pearce, Anil Markandya, and Edward B. Barbier; reviewed by R. Kerry Turner; June, p. 25

Climate—Practical Responses to Climate Change, by Jill Jäger; July/August, p. 44

Coming to Terms: Toward a North-South Compact for the Environment, by James Gustave Speth; June, p. 16

Expanding Roles for the NGOs, by Gilbert F. White; October, editorial

A Fascinating Contrast, by Timothy O'Riordan; April, editorial

Future Environments for Europe: Some Implications of Alternative Development Paths,† edited by W. M. Stigliani, F. M. Brouwer, R. E. Munn, R. W. Shaw, and M. Antonovsky; reviewed by H. S. J. Cesar and J. D. E. Parker; October, p. 25

The Greenhouse Effect: Negotiating Targets,† by Michael Grubb; reviewed by James K. Sebenius; November, p. 25

In Fairness to Future Generations, by Edith Brown Weiss; April, p. 6

Innovations in International Environmental Governance, by Peter H. Sand; November, p. 16

International—EC Environmental Policy and the Mediterranean Region: An International Colloquium, by Angela Liberatore; January/February, p. 44

Law—Pesticide Regulation and International Trade, by Eric Christensen; November, p. 2

Probing the Future of the Mediterranean Basin, by Michel Batisse; June, p. 4

Putting on the Brakes: Curbing Auto Emissions in Europe, by Sonja A. Boehmer-Christiansen; July/August, p. 16

Strategies for Conserving Biodiversity, by Jeffrey A. McNeely, Kenton R. Miller, Walter V. Reid, Russell A. Mittermeier, and Timothy B. Werner; April, p. 16

Two World Leaders on Global Environmental Policy, Remarks by George Bush and Mikhail S. Gorbachev; April, p. 12

UNITED NATIONS—JOHN ISAAC

POLITICS—DOMESTIC (except U.S.)

The Changing Face of Environmentalism in the Soviet Union, an interview with Igor Izodorovich Altshuler and Ruben Artyomovich Mnatsakanyan, by Barbara T. Richman; March, p. 4

Did Earth Day Change the World? by Robert Cahn and Patricia Cahn; September, p. 16

The Evolution of Italian Environmental Policy, by Angela Liberatore and Rudolf Lewanski; June, p. 10

Trusting the Experts, by William C. Clark; September, editorial

Two Reports on the Environment of the USSR†; reviewed by George J. Demko; December, p. 25

POLITICS—DOMESTIC (U.S.)

Did Earth Day Change the World? by Robert Cahn and Patricia Cahn; September, p. 16

The Environmental Consequences of a Gulf War, by Timothy O'Riordan; November, editorial

The Environmental President? by William C. Clark; March, editorial

Legislation—Citizens Initiate Ballot Measures, by John Mark Johnson; September, p. 4

Trusting the Experts, by William C. Clark; September, editorial

Water Resources—Controversy over Two Forks Dam, by Daniel F. Luecke; May, p. 42

POLITICS—INTERNATIONAL

Antarctica: Ice Under Pressure, by Martin W. Holdgate; October, p. 4

Coming to Terms: Toward a North-South Compact for the Environment, by James Gustave Speth; June, p. 16

The Environmental Consequences of a Gulf War, by Timothy O'Riordan; November, editorial

Hong Kong: Can the Dragon Clean Its Nest? by Peter Hills and William Barron; October, p. 16

Innovations in International Environmental Governance, by Peter H. Sand; November, p. 16

Law—Soviet-U.S. Cooperation, by Dinah Bear and Jonathan Elkind; April, p. 5

Putting on the Brakes: Curbing Auto Emissions in Europe, by Sonja A. Boehmer-Christiansen; July/August, p. 16

Trusting the Experts, by William C. Clark; September, editorial

A World in Evolution, by Alan McGowan; July/August, editorial

MARCO LORENZONI

POLLUTION (see also AIR POLLUTION, WATER POLLUTION)

Global Metal Pollution: Poisoning the Biosphere? by Jerome O. Nriagu; September, p. 6

Law—Controlling Poison Run-off, by Diane M. Cameron; March, p. 43

POPULATION

Energy for Our Globe's People, by William S. Lee; September, p. 12

RADIOACTIVE FALLOUT

International—Chernobyl: Four Years Later, the Repercussions Continue, by Ragnar E. Löfstedt and Allen L. White; April, p. 2

RECYCLING

Mass Burn,* by Harold M. Draper; March, p. 2

Mass Burn,* by Neil Seldman; March, p. 3

Mass Burn,* by L. W. Umstadter; March, p. 3

Reducing Waste,* by Marie Steinwachs; June, p. 2

Wasting Away: Policies to Reduce Trash Toxicity and Quantity, by Howard Levenson; March, p. 10

Will Rhode Island Be the First Green State? by Harold R. Ward and Robert W. Kates; October, p. 10

REPORTS

Alternative Agriculture,† by the National Research Council; reviewed by Sandra S. Batie; April, p. 25

Blueprint for a Green Economy,† by David W. Pearce, Anil Markandya, and Edward B. Barbier; reviewed by R. Kerry Turner; June, p. 25

Fudge and Nudge Politics, by Timothy O'Riordan; June, editorial

Future Environments for Europe: Some Implications of Alternative Development Paths,† edited by W. M. Stigliani, F. M. Brouwer, R. E. Munn, R. W. Shaw, and M. Antonovsky; reviewed by H. S. J. Cesar and J. D. E. Parker; October, p. 25

The Greenhouse Effect: Negotiating Targets,† by Michael Grubb; reviewed by James K. Sebenius; November, p. 25

Our Changing Planet: The FY 1990 Research Plan, The U.S. Global Change Research Program; and its update, Our Changing Planet: The FY 1991 U.S. Global Change Research Program,† by the Committee on Earth Sciences, Federal Coordinating Council for Science, Engineering, and Technology; reviewed by A. Barrie Pittock; May, p. 25

Planet Under Stress: The Challenge of Global Change,† edited by Constance Mungall and Digby J. McLaren; reviewed by Thomas F. Malone; September, p. 25

Two Reports on the Environment of the USSR†; reviewed by George J. Demko; December, p. 25

RESEARCH PROGRAMS

Antarctica: Ice Under Pressure, by Martin W. Holdgate; October, p. 4

Defining Global Change,* by James J. McCarthy; January/February, p. 3

Defining Global Change,* by Martin F. Price; January/February, p. 42

Developing Clean Coal Technologies, by Ian M. Torrens; July/August, p. 10

Future Environments for Europe: Some Implications of Alternative Development Paths,† edited by W. M. Stigliani, F. M. Brouwer, R. E. Munn, R. W. Shaw, and M. Antonovsky; reviewed by H. S. J. Cesar and J. D. E. Parker; October, p. 25

Institutions—The Earth Transformed Program, by B. L. Turner II; June, p. 3

Institutions—International Development Research Centre, by John Ramlochand; April, p. 44

Institutions—National Center for Atmospheric Research, by Robert J. Serafin; October, p. 2

Institutions—Social Science Research Council, by Richard C. Rockwell; September, p. 2

* Commentary

† Report on Reports

Law—Soviet-U.S. Cooperation, by Dinah Bear and Jonathan Elkind; April, p. 5

Our Changing Planet: The FY 1990 Research Plan, The U.S. Global Change Research Program; and its update, Our Changing Planet: The FY 1991 U.S. Global Change Research Program,† by the Committee on Earth Sciences, Federal Coordinating Council for Science, Engineering, and Technology; reviewed by A. Barrie Pittock; May, p. 25

RHODE ISLAND

Expanding Roles for the NGOs, by Gilbert F. White; October, editorial

Will Rhode Island Be the First Green State? by Harold R. Ward and Robert W. Kates; October, p. 10

RISK

Will Rhode Island Be the First Green State? by Harold R. Ward and Robert W. Kates; October, p. 10

SOCIAL SCIENCE RESEARCH COUNCIL

Institutions—Social Science Research Council, by Richard C. Rockwell; September, p. 2

SOIL SALINIZATION

Salt of the Earth: Secondary Soil Salinization in the Australian Wheat Belt, by Arthur J. Conacher; July/August, p. 4

SUPERFUND (SARA)

Waste Management—A Cooperative Cleanup for Superfund Sites, by Robert G. Wright; June, p. 44

SUSTAINABLE DEVELOPMENT

Blueprint for a Green Economy,† by David W. Pearce, Anil Markandya, and Edward B. Barbier; reviewed by R. Kerry Turner; June, p. 25

Coming to Terms: Toward a North-South Compact for the Environment, by James Gustave Speth; June, p. 16

Crossing the Next Meridian: Sustaining the Lands, Waters, and Human Spirit in the West, by Charles F. Wilkinson; December, p. 14

Ecological Concepts of Sustainability, by Gordon H. Orians; November, p. 10

The Evolution of Italian Environmental Policy, by Angela Liberatore and Rudolf Lewanski; June, p. 10

The Future of National Parks, by Jeffrey A. McNeely; January/February, p. 16

Historical Perspectives on Sustainable Development, by Clive Ponting; November, p. 4

In Fairness to Future Generations, by Edith Brown Weiss; April, p. 6

National Parks,* by Graeme Kelleher; June, p. 2

Probing the Future of the Mediterranean Basin, by Michel Batisse; June, p. 4

Salmon vs. Hydropower: Striking a Balance in the Pacific Northwest, by Keith W. Muckleston; January/February, p. 10

When Will Western Resource Use Be Sustainable? by Gilbert F. White; December, editorial

Will Rhode Island Be the First Green State? by Harold R. Ward and Robert W. Kates; October, p. 10

TECHNOLOGY

Developing Clean Coal Technologies, by Ian M. Torrens; July/August, p. 10

Energy for Our Globe's People, by William S. Lee; September, p. 12

TOXIC WASTE (see WASTE MANAGEMENT)

TRANSPORTATION

Fuel Efficiency,* by Alvin L. Spivak; January/February, p. 2

Putting on the Brakes: Curbing Auto Emissions in Europe, by Sonja A. Boehmer-Christiansen; July/August, p. 16

USSR

The Changing Face of Environmentalism in the Soviet Union, an interview with Igor Izodorovich Altshuler and Ruben Artyomovich Mnatsakanyan, by Barbara T. Richman; March, p. 4

International—Chernobyl: Four Years Later, the Repercussions Continue, by Ragnar E. Löfstedt and Allen L. White; April, p. 2

ANN RICKERICH

On Gorbachev and Bush,* by William A. Nitze; May, p. 2

On Gorbachev and Bush,* by William R. Moomaw; May, p. 3

State of the Environment in the USSR, by Barbara T. Richman; March, p. 28

Two Reports on the Environment of the USSR†; reviewed by George J. Demko; December, p. 25

Two World Leaders on Global Environmental Policy, Remarks by George Bush and Mikhail S. Gorbachev; April, p. 12

WASTE MANAGEMENT AND REDUCTION

Global Metal Pollution: Poisoning the Biosphere? by Jerome O. Nriagu; September, p. 6

Law—Controlling Poison Run-off, by Diane M. Cameron; March, p. 43

Mass Burn,* by Harold M. Draper; March, p. 2

Mass Burn,* by Neil Seldman; March, p. 3

Mass Burn,* by L. W. Umstadter; March, p. 3

Reducing Waste,* by Marie Steinwachs; June, p. 2

Waste Management—A Cooperative Cleanup for Superfund Sites, by Robert G. Wright; June, p. 44

Wasting Away: Policies to Reduce Trash Toxicity and Quantity, by Howard Levenson; March, p. 10

Will Rhode Island Be the First Green State? by Harold R. Ward and Robert W. Kates; October, p. 10

WATER MANAGEMENT

Crisis and Common Sense, by Gilbert F. White; May, editorial

Crossing the Next Meridian: Sustaining the Lands, Waters, and Human Spirit in the West, by Charles F. Wilkinson; December, p. 14

Ethos, Equity, and the Water Resource, The 1990 Abel Wolman Distinguished Lecture, by Luna B. Leopold; March, p. 16

A Framework for Reshaping Water Management, by Warren Viessman, Jr.; May, p. 10

Law—Western Irrigation Contracts and NEPA, by Hamilton Candee and Martin D. Bern; July/August, p. 2

Salmon vs. Hydropower: Striking a Balance in the Pacific Northwest, by Keith W. Muckleston; January/February, p. 10

Salt of the Earth: Secondary Soil Salinization in the Australian Wheat Belt, by Arthur J. Conacher; July/August, p. 4

WILLIAM BARRON

Two Reports on the Environment of the USSR†; reviewed by George J. Demko; December, p. 25

Water Resources—Controversy over Two Forks Dam, by Daniel F. Luecke; May, p. 42

Will Rhode Island Be the First Green State? by Harold R. Ward and Robert W. Kates; October, p. 10

WATER POLLUTION

The Changing Face of Environmentalism in the Soviet Union, an interview with Igor Izodorovich Altshuler and Ruben Artyomovich Mnatsakanyan, by Barbara T. Richman; March, p. 4

Global Metal Pollution: Poisoning the Biosphere? by Jerome O. Nriagu; September, p. 6

Hong Kong: Can the Dragon Clean Its Nest? by Peter Hills and William Barron; October, p. 16

Law—Controlling Poison Run-off, by Diane M. Cameron; March, p. 43

State of the Environment in the USSR, by Barbara T. Richman; March, p. 28

Two Reports on the Environment of the USSR†; reviewed by George J. Demko; December, p. 25

WILDLIFE

Antarctica: Ice Under Pressure, by Martin W. Holdgate; October, p. 4

Ecological Concepts of Sustainability, by Gordon H. Orians; November, p. 10

Salmon vs. Hydropower: Striking a Balance in the Pacific Northwest, by Keith W. Muckleston; January/February, p. 10

Strategies for Conserving Biodiversity, by Jeffrey A. McNeely, Kenton R. Miller, Walter V. Reid, Russell A. Mittermeier, and Timothy B. Werner; April, p. 16

BOOKS OF NOTE

Acidification in Tropical Countries, edited by Henning Rodhe and Rafael Herrera; reviewed by H. E. Wright, Jr.; July/August, p. 26

The Arguments of Agriculture: A Casebook in Contemporary Agricultural Controversy, by Jan Wojcik; reviewed by John H. Perkins; April, p. 29

Carbon Dioxide and Other Greenhouse Gases, edited by R. Fantechi and A. Ghazi; reviewed by Thomas H. Moss; December, p. 27

The Challenge of Global Warming, edited by Dean Edwin Abrahamson; reviewed by Gunnar Walmet; June, p. 27

Chernobyl, The Long Shadow, by Chris C. Park; reviewed by Thomas H. Moss; July/August, p. 25

Climate, Water, and Agriculture, 2d edition, by I. J. Jackson; reviewed by Robert E. Dickinson; December, p. 28

Economics in Urban Conservation, by Nathaniel Lichfield; reviewed by Peter Douglas; July/August, p. 25

Effective Risk Communication: The Role and Responsibility of Government and Nongovernment Organizations, edited by Vincent T. Covello, David B. McCallum, and Maria T. Pavlova; reviewed by David E. Burmaster; January/February, p. 26

Environmental Decision Support Systems, by G. Guariso and H. Werthner; reviewed by George G. Berg; July/August, p. 26

Environmental Economics and Management: Pollution and Natural Resources, by Finn R. Førsund and Steiner Strøm; reviewed by J. W. M. la Rivière; March, p. 25

Environmental Management and Economic Development, edited by Gunther Schramm and Jeremy J. Warford; reviewed by Giandomenico Majone; December, p. 27

The Environmental Record in Glaciers and Ice Sheets, edited by H. Oeschger and C. C. Langway, Jr.; reviewed by H. E. Wright, Jr.; June, p. 27

Environmentalism and the Future of Progressive Politics; by Robert C. Paehlke, reviewed by Gary Cunningham; December, p. 29

Environmentally Induced Cancer and the Law: Risk, Regulation, and Victim Compensation, by Frank B. Cross; reviewed by David E. Burmaster; April, p. 29

Forecasting by Analogy: Societal Responses to Regional Climatic Change, edited by Michael H. Glantz; reviewed by H. E. Wright, Jr.; July/August, p. 25

The Gene Hunters: Biotechnology and the Scramble for Seeds, by Calestous Juma; reviewed by Joyce Tait; December, p. 27

Health and the Rise of Civilization, by Mark Nathan Cohen; reviewed by John H. Perkins; December, p. 28

The Little Ice Age, by Jean M. Grove; reviewed by H. E. Wright, Jr.; January/February, p. 25

The New Oil Crisis and Fuel Economy Technologies: Preparing the Light Transportation Industry for the 1990s, by Deborah Lynn Bleviss; reviewed by J. Bradford Hollomon; March, p. 25

Ozone Crisis: The 15 Year Evolution of a Sudden Global Emergency, by Sharon L. Roan; reviewed by Joel Darmstadter; March, p. 25

Planning for Groundwater Protection, edited by G. William Page; reviewed by J. W. M. la Rivière; December, p. 29

Plant Canopies: Their Growth, Form, and Function, edited by G. Russell, B. Marshall, and P. G. Jarvis; reviewed by Robert E. Dickinson; July/August, p. 26

Pollution and the Struggle for the World Product: Multinational Corporations, Environment, and International Comparative Advantage, by H. Jeffrey Leonard; reviewed by J. W. M. la Rivière; December, p. 28

The Rights of Nature: A History of Environmental Ethics, by Roderick Nash; reviewed by Paula K. Kleintjes; December, p. 29

Ronald Reagan and the Public Lands: America's Conservation Debate, 1979–1984, by C. Brant Short; reviewed by V. Alaric Sample; January/February, p. 25

Women and Environment in the Third World, by Irene Dankelman and Joan Davidson, reviewed by Shubh Kumar; January/February, p. 25

The World Bank and the Environmental Challenge, by Philippe Le Prestre; reviewed by Giandomenico Majone; July/August, p. 27

AUTHOR INDEX

ALLEN, PAUL J.
Institutions—Natural Resources Defense Council; December, p. 2

ALTSHULER, IGOR IZODOROVICH
see RICHMAN, BARBARA T.

ASHBY, ANNE B.
see DREYFUS, DANIEL A.

BARRON, WILLIAM
see HILLS, PETER

BATIE, SANDRA S.
Alternative Agriculture,† by the National Research Council; April, p. 25

BATISSE, MICHEL
Probing the Future of the Mediterranean Basin; June, p. 4

BEAR, DINAH, AND JONATHAN ELKIND
Law—Soviet-U.S. Cooperation; April, p. 5

BERG, GEORGE G.
Environmental Decision Support Systems,‡ by G. Guariso and H. Werthner; July/August, p. 26

BERN, MARTIN D.
see CANDEE, HAMILTON

BOEHMER-CHRISTIANSEN, SONJA A.
Putting on the Brakes: Curbing Auto Emissions in Europe; July/August, p. 16

BROWN WEISS, EDITH
In Fairness to Future Generations; April, p. 6

BURMASTER, DAVID E.
Effective Risk Communication: The Role and Responsibility of Government and Nongovernment Organizations,‡ edited by Vincent T. Covello, David B. McCallum, and Maria T. Pavlova; January/February, p. 26
Environmentally Induced Cancer and the Law: Risk, Regulation, and Victim Compensation,‡ by Frank B. Cross; April, p. 29

BUSH, GEORGE, AND MIKHAIL S. GORBACHEV
Two World Leaders on Global Environmental Policy: Remarks by George Bush and Mikhail S. Gorbachev; April, p. 12

CAHN, ROBERT, AND PATRICIA CAHN
Did Earth Day Change the World?; September, p. 16

CAHN, PATRICIA
see CAHN, ROBERT

CAMERON, DIANE M.
Law—Controlling Poison Run-off; March, p. 43

CANDEE, HAMILTON, AND MARTIN D. BERN
Law—Western Irrigation Contracts and NEPA; July/August, p. 2

CESAR, H. S. J., AND J. D. E. PARKER
Future Environments for Europe: Some Implications of Alternative Development Paths,† by W. M. Stigliani, F. M. Brouwer, R. E. Munn, R. W. Shaw, and M. Antonovsky; October, p. 25

CHRISTENSEN, ERIC
Law—Pesticide Regulation and International Trade; November, p. 2

CLARK, WILLIAM C.
The Environmental President?; March, editorial
Trusting the Experts; September, editorial

CONACHER, ARTHUR J.
Salt of the Earth: Secondary Soil Salinization in the Australian Wheat Belt; July/August, p. 4

CUNNINGHAM, GARY
Environmentalism and the Future of Progressive Politics,‡ by Robert C. Paehlke; December, p. 29

DARMSTADTER, JOEL
Ozone Crisis: The 15 Year Evolution of a Sudden Global Emergency,‡ by Sharon L. Roan; March, p. 25

DEMKO, GEORGE J.
Two Reports on the Environment of the USSR†; December, p. 25

DICKINSON, ROBERT E.
Climate, Water, and Agriculture, 2d edition,‡ by I. J. Jackson; December, p. 28
Plant Canopies: Their Growth, Form, and Function,‡ edited by G. Russell, B. Marshall, and P. G. Jarvis; July/August, p. 26

DOUGLAS, PETER
Economics in Urban Conservation,‡ by Nathaniel Lichfield; July/August, p. 25

DRAPER, HAROLD M.
Mass Burn*; March, p. 2

DREYFUS, DANIEL A., AND ANNE B. ASHBY
Fueling Our Global Future; May, p. 16

ELKIND, JONATHAN
see BEAR, DINAH

GORBACHEV, MIKHAIL S.
see BUSH, GEORGE

HARRISON, RANDOLPH
Protecting U.S. National Parks: Innovative Measures for Challenging Times; January/February, p. 18

HILLS, PETER, AND WILLIAM BARRON
Hong Kong: Can the Dragon Clean Its Nest?; October, p. 16

HIRST, ERIC
Demand-Side Management: An Underused Tool for Conserving Electricity; January/February, p. 4

HOLDGATE, MARTIN W.
Antarctica: Ice Under Pressure; October, p. 4

HOLLOMON, J. BRADFORD
The New Oil Crisis and Fuel Economy Technologies: Preparing the Light Transportation Industry for the 1990s,‡ by Deborah Lynn Bleviss; March, p. 25

JÄGER, JILL
Climate—Practical Responses to Climatic Change; July/August, p. 44

JOHNSON, JOHN MARK
Legislation—Citizens Initiate Ballot Measures; September, p. 4

KATES, ROBERT W.
see WARD, HAROLD R.

KELLEHER, GRAEME
National Parks*; June, p. 2

KLEINTJES, PAULA K.
The Rights of Nature: A History of Environmental Ethics,‡ by Roderick Nash; December, p. 29

KUMAR, SHUBH
Women and Environment in the Third World,‡ by Irene Dankelman and Joan Davidson; January/February, p. 25

* Commentary

† Report on Reports

‡ Books of Note

LA RIVIÈRE, J. W. M.

Environmental Economics and Management: Pollution and Natural Resources,‡ by Finn R. Førsund and Steiner Strøm; March, p. 25

Planning for Groundwater Protection,‡ edited by G. William Page; December, p. 29

Pollution and the Struggle for the World Product: Multinational Corporations, Environment, and International Comparative Advantage,‡ by H. Jeffrey Leonard; December, p. 28

LEE, WILLIAM S.

Energy for Our Globe's People; September, p. 12

LEOPOLD, LUNA B.

Ethos, Equity, and the Water Resource: The 1990 Abel Wolman Distinguished Lecture; March, p. 16

LEVENSON, HOWARD

Wasting Away: Policies to Reduce Trash Toxicity and Quantity; March, p. 10

LEWANSKI, RUDOLF

see LIBERATORE, ANGELA

LIBERATORE, ANGELA

International—EC Environmental Policy and the Mediterranean Region: An International Colloquium; January/February, p. 44

LIBERATORE, ANGELA, AND RUDOLF LEWANSKI

The Evolution of Italian Environmental Policy; June, p. 10

LÖFSTEDT, RAGNAR E., AND ALLEN L. WHITE

International—Chernobyl: Four Years Later, the Repercussions Continue; April, p. 2

LUECKE, DANIEL F.

Water Resources—Controversy over Two Forks Dam; May, p. 42

MAJONE, GIANDOMENICO

Environmental Management and Economic Development,‡ edited by Gunther Schramm and Jeremy J. Warford; December, p. 27

The World Bank and the Environmental Challenge,‡ by Philippe Le Prestre; July/August, p. 27

MALONE, THOMAS F.

Planet Under Stress: The Challenge of Global Change,† edited by Constance Mungall and Digby J. McLaren; September, p. 25

McCARTHY, JAMES J.

Defining Global Change*; January/February, p. 3

McGOWAN, ALAN

What Are the Choices?; January/February, editorial

A World in Evolution; July/August, editorial

McNEELY, JEFFREY A.

The Future of National Parks; January/February, p. 16

McNEELY, JEFFREY A., KENTON R. MILLER, WALTER V. REID, RUSSELL A. MITTERMEIER, AND TIMOTHY B. WERNER

Strategies for Conserving Biodiversity; April, p. 16

MILLER, KENTON R.

see McNEELY, JEFFREY A.

MITTERMEIER, RUSSELL A.

see McNEELY, JEFFREY A.

MNATSAKANYAN, RUBEN ARTYOMOVICH

see RICHMAN, BARBARA T.

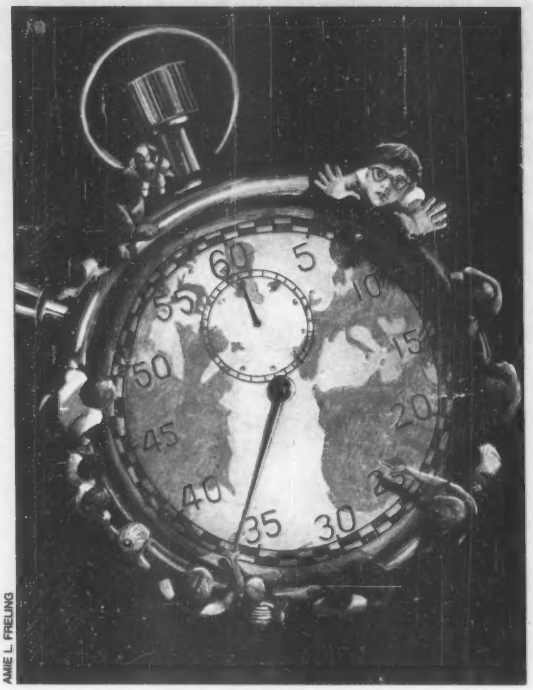
MOOMAW, WILLIAM R.

On Gorbachev and Bush*; May, p. 3

MOSS, THOMAS H.

Carbon Dioxide and Other Greenhouse Gases,‡ edited by R. Fantechi and A. Ghazi; December, p. 27

Chernobyl, The Long Shadow,‡ by Chris C. Park; July/August, p. 25



AMIE L. FRELING

MUCKLESTON, KEITH W.

Salmon vs. Hydropower: Striking a Balance in the Pacific Northwest; January/February, p. 10

NITZE, WILLIAM A.

On Gorbachev and Bush*; May, p. 2

NRIAGU, JEROME O.

Global Metal Pollution: Poisoning the Biosphere?; September, p. 6

O'RIORDAN, TIMOTHY

The Environmental Consequences of a Gulf War; November, editorial

A Fascinating Contrast; April, editorial

Fudge and Nudge Politics; June, editorial

OLSEN, STEPHEN

Institutions—Coastal Resources Center; January/February, p. 42

ORIANS, GORDON H.

Ecological Concepts of Sustainability; November, p. 10

PARKER, J. D. E.

see CESAR, H. S. J.

PATTERSON, ALAN

Debt-for-Nature Swaps and the Need for Alternatives; December, p. 4

PERKINS, JOHN H.

The Arguments of Agriculture: A Casebook in Contemporary Agricultural Controversy,‡ by Jan Wojcik; April, p. 29

Health and the Rise of Civilization,‡ by Mark Nathan Cohen; December, p. 28

PITTOCK, A. BARRIE

Our Changing Planet: The FY 1990 Research Plan, The U.S. Global Change Research Program, and its update, Our Changing Planet: The FY 1991 U.S. Global Change Research Program,† by the Committee on Earth Sciences, Federal Coordinating Council for Science, Engineering, and Technology; May, p. 25

PONTING, CLIVE
Historical Perspectives on Sustainable Development; November, p. 4

PRICE, MARTIN F.
Defining Global Change*; January/February, p. 42

RAMLOCHAND, JOHN
Institutions—International Development Research Centre; April, p. 44

REID, WALTER V.
see McNEELY, JEFFREY A.

RICHMAN, BARBARA T.
The Changing Face of Environmentalism in the Soviet Union, An Interview with Igor Izodorovich Altshuler and Ruben Artyomovich Mnatsakanyan; March, p. 4

State of the Environment in the USSR; March, p. 28

ROCKWELL, RICHARD C.
Institutions—Social Science Research Council; September, p. 2

SAMPLE, V. ALARIC
Ronald Reagan and the Public Lands: America's Conservation Debate, 1979–1984,‡ by C. Brant Short; January/February, p. 25

SAND, PETER H.
Innovations in International Environmental Governance; November, p. 16

SCHNEIDER, STEPHEN H.
Debating Gaia; May, p. 4

SEBENIUS, JAMES K.
The Greenhouse Effect: Negotiating Targets,† by Michael Grubb; November, p. 25

SELDMAN, NEIL
Mass Burn*; March, p. 3

SERAFIN, ROBERT J.
Institutions—National Center for Atmospheric Research; October, p. 2

SPETH, JAMES GUSTAVE
Coming to Terms: Toward a North-South Compact for the Environment; June, p. 16

SPIVAK, ALVIN L.
Fuel Efficiency*; January/February, p. 2

STEINWACHS, MARIE
Reducing Waste*; June, p. 2

TAIT, JOYCE
The Gene Hunters: Biotechnology and the Scramble for Seeds,‡ by Calestous Juma; December, p. 27

TORRENS, IAN M.
Developing Clean Coal Technologies; July/August, p. 10

TURNER, B. L., II
Institutions—The Earth Transformed Program; June, p. 3

TURNER, R. KERRY
Blueprint for a Green Economy,† by David W. Pearce, Anil Markandya, and Edward B. Barbier; June, p. 25

UMSTADTER, L. W.
Mass Burn*; March, p. 3

VIESSMAN, WARREN, JR.
A Framework for Reshaping Water Management; May, p. 10

WALMET, GUNNAR
The Challenge of Global Warming,‡ edited by Dean Edwin Abrahamson; June, p. 27

WARD, HAROLD R., AND ROBERT W. KATES
Will Rhode Island Be the First Green State?; October, p. 10

WERNER, TIMOTHY B.
see McNEELY, JEFFREY A.

WHITE, ALLEN L.
see LÖFSTEDT, RAGNAR E.

WHITE, GILBERT F.
Crisis and Common Sense; May, editorial

Expanding Roles for the NGOs; October, editorial

When Will Western Resource Use Be Sustainable?; December, editorial

WILKINSON, CHARLES F.
Crossing the Next Meridian: Sustaining the Lands, Waters, and Human Spirit in the West; December, p. 14

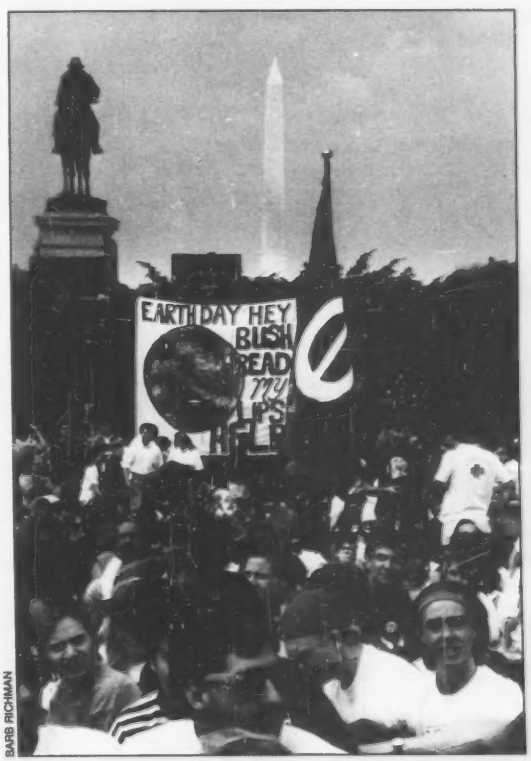
WRIGHT, H. E., JR.
Acidification in Tropical Countries,‡ edited by Henning Rodhe and Rafael Herrera; July/August, p. 26

The Environmental Record in Glaciers and Ice Sheets,‡ edited by H. Oeschger and C. C. Langway, Jr.; June, p. 27

Forecasting by Analogy: Societal Responses to Regional Climatic Change,‡ edited by Michael H. Glantz; July/August, p. 25

The Little Ice Age,‡ by Jean M. Grove; January/February, p. 25

WRIGHT, ROBERT G.
Waste Management—A Cooperative Cleanup for Superfund Sites; June, p. 44



BARB RICHMAN

* Commentary

† Report on Reports

‡ Books of Note